

WHAT IS CLAIMED IS:

1. A light-emitting device comprising:

a substrate portion having at least one mount surface; first and second light-emitting elements mounted on the same mount surface side; and

four internal electrodes revealed on the mount surface of said substrate portion, said four internal electrodes including a first internal positive electrode connected to a positive electrode side of said first light-emitting element, a first internal negative electrode connected to a negative electrode side of said first light-emitting element, a second internal positive electrode connected to a positive electrode side of said second light-emitting element, and a second internal negative electrode connected to a negative electrode side of said second light-emitting element, said four internal electrodes being provided so that said first and second internal positive electrodes are disposed diagonally while the first and second internal negative electrodes are disposed diagonally.

2. A light-emitting device according to claim 1, wherein:

said first light-emitting element is mounted on either of said first internal positive electrode and said

first internal negative electrode;

said second light-emitting element is mounted on either of said second internal positive electrode and said second internal negative electrode; and

said first and second light-emitting elements are disposed diagonally.

3. A light-emitting device according to claim 1, wherein:

said first light-emitting element is mounted on either of said first internal positive electrode and said first internal negative electrode;

said second light-emitting element is mounted on either of said second internal positive electrode and said second internal negative electrode; and

said first and second light-emitting elements are disposed in parallel.

4. A light-emitting device according to claim 2, wherein said internal electrodes on which said first light-emitting element and said second light-emitting element are mounted respectively have areas larger than those of the other internal electrodes.

5. A light-emitting device according to claim 1,

wherein when each of said internal electrodes has a corner facing on another internal electrode, said corner is chamfered.

6. A light-emitting device mounting structure comprising a light-emitting device, and a pattern structure for mounting said light-emitting device, wherein:

(A) said light-emitting device includes a substrate portion having at least one mount surface, first and second light-emitting elements mounted on the same mount surface side of said substrate portion, an internal electrode portion revealed on the mount surface of said substrate portion, and an external electrode portion revealed on the other surface of said substrate portion than said mount surface, said internal electrode portion having a first internal positive electrode connected to a positive electrode side of said first light-emitting element, a first internal negative electrode connected to a negative electrode side of said first light-emitting element, a second internal positive electrode connected to a positive electrode side of said second light-emitting element, and a second internal negative electrode connected to a negative electrode side of said second light-emitting element, said internal electrode portion

being provided so that said first and second internal positive electrodes are disposed diagonally while the first and second internal negative electrodes are disposed diagonally, said external electrode portion having a first external positive electrode connected to said first internal positive electrode, a first external negative electrode connected to said first internal negative electrode, a second external positive electrode connected to said second internal positive electrode, and a second external negative electrode connected to said second internal negative electrode, said external electrode portion being provided so that said first and second external positive electrodes are disposed diagonally while the first and second external negative electrodes are disposed diagonally; and

(B) said pattern structure includes at least one of a parallel pattern electrode portion and a series pattern electrode portion, said parallel pattern electrode portion having a first pattern electrode portion facing on two diagonal electrodes of said external electrode portion of said light-emitting device, and a second pattern electrode portion facing on the other two diagonal electrodes of said external electrode portion, said series pattern electrode portion having a third pattern electrode portion facing on two parallel

electrodes of said external electrode portion of said light-emitting device, and a fourth pattern electrode portion facing on the other two parallel electrodes of said external electrode portion.

7. A light-emitting device mounting structure according to claim 6, wherein:

said first light-emitting element is mounted on either of said first internal positive electrode and said first internal negative electrode;

said second light-emitting element is mounted on one of said second internal positive electrode and said second internal negative electrode; and

said first and second light-emitting elements are disposed diagonally.

8. A light-emitting device mounting structure according to claim 6, wherein:

said first light-emitting element is mounted on either of said first internal positive electrode and said first internal negative electrode;

said second light-emitting element is mounted on either of said second internal positive electrode and said second internal negative electrode; and

said first and second light-emitting elements are

disposed in parallel.

9. A pattern structure adapted for mounting a light-emitting device including a first and second external positive electrodes disposed diagonally, and a first and second external negative electrodes disposed diagonally,

said pattern structure comprising at least one of a parallel pattern electrode portion and a series pattern electrode portion, wherein:

said parallel pattern electrode portion includes a first pattern electrode portion facing on two diagonal electrodes of said external electrode portion of said light-emitting device, and a second pattern electrode portion facing on the other two diagonal electrodes of said external electrode portion; and

said series pattern electrode portion includes a third pattern electrode portion facing on two parallel electrodes of said external electrode portion of said light-emitting device, and a fourth pattern electrode portion facing on the other two parallel electrodes of said external electrode portion.